

Inventors: Zapata and Reed
Serial No.: 09/706,325
Filed: November 3, 2000
Page 2

STATUS OF PENDING CLAIMS

Claims 1 to 7 (Canceled)

c1
8. (Previously amended) An isolated anti-TPBD antibody having specific reactivity with TRAF-Protein-Binding-Domain (TPBD) amino acid sequence SEQ ID NO:19.

9. (Previously amended) An antibody according to claim 8 or 74, wherein said antibody is a monoclonal antibody.

10. (Original) A cell line producing the monoclonal antibody of claim 9.

11. (Previously amended) An antibody according to claim 8 or 74, wherein said antibody is a polyclonal antibody.

Claims 12 to 45 (Canceled)

46. (Previously amended) A therapeutic composition comprising an isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25; and a pharmaceutically acceptable carrier.

Claims 47 to 67 (canceled)

Inventors: Zapata and Reed
Serial No.: 09/706,325
Filed: November 3, 2000
Page 3

68. (Previously amended) An isolated anti-TPBD antibody having specific reactivity with a TRAF protein binding site of a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25.

C1
69. (Currently amended) ~~An isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25~~ The isolated anti-TPBD antibody of claim 68, wherein said antibody modulates the association of a TPBD with a TNF family receptor, TRAF protein or a TRAF-associated protein.

70. (Previously amended) The isolated anti-TPBD antibody of claim 69, wherein said TNF family receptor is TNF-R2, said TRAF protein is human TRAF6 and said TRAF-associated protein is I-TRAF.

71. (Previously amended) The isolated anti-TPBD antibody of claim 69, wherein said TNF family receptor is CD40, said TRAF protein is human TRAF2 and said TRAF-associated protein is I-TRAF.

72. (Previously amended) The isolated anti-TPBD antibody of claim 69, wherein said antibody inhibits the association of said TPBD with said TNF family receptor, TRAF protein or a TRAF-associated protein.

Inventors: Zapata and Reed
Serial No.: 09/706,325
Filed: November 3, 2000
Page 4

73. (Previously amended) The isolated anti-TPBD antibody of claim 69, wherein said antibody increases the association of said TPBD with said TNF family receptor, TRAF protein or a TRAF-associated protein.

c¹ 74. (Previously added) The isolated anti-TPBD antibody of claim 8, wherein said antibody has specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:20, 21 and 22.

75. (Previously added) An isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 23, 24 and 25.

76. (Previously added) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:8.

77. (Previously added) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:12.

78. (Previously added) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:23.

79. (Previously added) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:24.

Inventors: Zapata and Reed
Serial No.: 09/706,325
Filed: November 3, 2000
Page 5

80. (Previously added) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:25.

81. (Currently amended) An antibody according to claim 75, wherein said antibody is a monoclonal antibody.

C¹ 82. (Previously added) A cell line producing the monoclonal antibody of claim 81.

83. (Previously added) An antibody according to claim 75, wherein said antibody is a polyclonal antibody.

C² 84. (New) An antibody according to claim 76, wherein said antibody is a monoclonal antibody.

85. (New) A cell line producing the monoclonal antibody of claim 84.

86. (New) An antibody according to claim 76, wherein said antibody is a polyclonal antibody.

87. (New) Antibody according to claim 77, wherein said antibody is a monoclonal antibody.

88. (New) A cell line producing the monoclonal antibody of claim 87.

89. (New) An antibody according to claim 77, wherein said antibody is a polyclonal antibody.

Inventors: Zapata and Reed
Serial No.: 09/706,325
Filed: November 3, 2000
Page 6

90. (New) Antibody according to claim 78, wherein said antibody is a monoclonal antibody.

91. (New) A cell line producing the monoclonal antibody of claim 90.

92. (New) An antibody according to claim 78, wherein said antibody is a polyclonal antibody.

93. (New) Antibody according to claim 79, wherein said antibody is a monoclonal antibody.

col 94. (New) A cell line producing the monoclonal antibody of claim 93.

95. (New) An antibody according to claim 79, wherein said antibody is a polyclonal antibody.

96. (New) Antibody according to claim 80, wherein said antibody is a monoclonal antibody.

97. (New) A cell line producing the monoclonal antibody of claim 96.

Contd 98. (New) An antibody according to claim 80, wherein said antibody is a polyclonal antibody.
